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**RIPLEY URBAN
DISTRICT COUNCIL
(Derbyshire)**



ANNUAL REPORT


of the

Medical Officer of Health

with that of the

SANITARY INSPECTOR

**FOR THE YEAR
1944**



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THE URBAN DISTRICT COUNCIL OF RIPLEY
(Derbyshire)

ANNUAL REPORT, 1944

Water and Sanitary Committee :

Chairman: Councillor W. Wright.

Members: All Members of the Council.

Belper Joint Hospital Board:

Ripley U.D. Representatives:

Councillor J. Brown.

Councillor T. Fearn, J.P.

Councillor W. Wright.

Alfreton and Ripley Scabies Clinic Committee:

Councillor J. Brown.

Councillor T. Fearn, J.P.

Councillor J. S. Reynolds.

Councillor W. Wright.

Public Health Department :

Medical Officer of Health:

R. A. RYAN, L.R.C.S. & P.I.

Sanitary Inspector:

G. AINSWORTH, M.R.San.I., M.S.I.A.

(Cert. for Meat and Foods Inspection).

Clerks: C. Robinson, N. A. Buxton.

Shops Inspector: A. Curzon.

ANNUAL REPORT of the MEDICAL OFFICER OF HEALTH for the Year 1944

To the Chairman and Members of the
Ripley Urban District Council :

I have the honour of submitting to you my Annual Report for the year 1944. To this Report is appended the Report and Statistics of the Sanitary Inspector. The Report has been drawn up on the lines indicated in the Ministry of Health Circular 49/45.

The absence of suitable maternity accommodation still remains; the provision of a maternity ward attached to the Ripley Hospital would be a welcome addition to the amenities of the town.

Further progress has been made in the provision of an adequate water supply to each house in the district. Unfortunately, there still remain many houses without a suitable supply.

The general standard of housing in the district continues to deteriorate. I would again suggest that the Council consider the defining of a minimum housing standard to at least include :

Suitable means of heating water. The provision of Bathrooms. To be provided with working Kitchen complete with all modern facilities. The use of electricity for lighting and cooking purposes.

I hope that under the new Planning Scheme through roads will be provided and cul-de-sacs avoided.

Immediately the houses are available, the Council will have seriously to consider the rehousing of many families who dwell in buildings which fall short of standards demanded for the housing of milk beasts.

During the year the efficient control of infectious diseases in the area was seriously prejudiced by the holding of several Fairs.

The supervision of the milk supply has been maintained. It is a pleasure to report that the number of farms producing accredited milk continue to increase.

At the time of writing this Report, the few remaining ash-pits in the area are being abolished. It will be a great stride forward when the whole of the pail closets and privies in the area are also converted.

May I suggest that the Council, as soon as possible, reconsider the sewerage of the Hartshay Ward.

A.—SOCIAL CONDITIONS IN THE AREA

Area: 5,411 acres, of which 20 acres are under water.

Registrar-General's Estimate of Resident population mid-1944:
16,820

Rateable Value:—

Central Ward, Hartshay, Marehay and Waingroves	£68,904
Butterley Park Ward	£933
Heage and Ambergate	£15,288
Southern Portion of Crich	£2,174
	<hr/>
	£87,299
	<hr/>

Sum represented by a One-Penny Rate:—

All Wards (except Butterley Park)	£336
Butterley Park Ward	£4

The cessation of hostilities again permits reference to the industries in the district.

The principal industry of which is coal-mining.

Other industries include Engineering Works, Agricultural Implement Works, Dye Works, Refractories, Brick Works, and Lime Works. A new industry in the district is the processing of Flax. Factories in the area employing mainly female labour, manufacture hair and fibre cloths, candle wicks, and plaited lace, etc. None of these industries are prejudicial to health.

B.—EXTRACTS FROM VITAL STATISTICS

Live Births:—	M.	F.	Total	
Legitimate	172	171	343	
Illegitimate	10	13	23	366
Birth Rate per 1,000 estimated resident population: 21.10.				
(The Registrar-General gives the birth-rate for England and Wales as 17.6).				

Still Births :—	M.	F.	Total	
Legitimate	2	6	8	
Illegitimate	—	—	—	8

Deaths of Infants under One Year: M.	F.	Total	
Legitimate	6	8	14
Illegitimate	—	—	—
			14

Death Rate :—			
All Infants per 1,000 Live Births			38.25
Legitimate Infants per 1,000 Legitimate Live Births:			40.81
Illegitimate Infants per 1,000 Illegitimate Live Births:			Nil
	M.	F.	Total
Deaths, All Ages	88	86	174
Death Rate per 1,000 estimated resident population:			10.34
(The Registrar-General gives the death rate for England and Wales as: 11.6).			

The Birth Rate is higher than that of England and Wales, and that of smaller towns having a similar population.

The Death Rate is slightly less than that of England and Wales, and similar small towns.

The Death Rate for Infants under one year of age is less than that for England and Wales.

Puerperal Cases:—		
There were no deaths from puerperal causes during the year.		
Senile Mortality:—	Age Group	No. of Deaths
	60 years to 65 years	19
	66 years to 70 years	15
	71 years to 75 years	17
	76 years to 80 years	16
	81 years to 85 years	9
	86 years to 90 years	5
	91 years to 95 years	2
	Over 95 Years	1

Deaths from Cancer, etc.—	
Deaths from Cancer (all ages)	19
Deaths from Measles (all ages)	Nil
Deaths from Whooping Cough (all ages)	Nil
Deaths from Diarrhoea (under two years)	Nil

RIPLEY URBAN DISTRICT

CAUSES OF DEATH

	M.	F.	Total
All Causes	88	86	174
1.—Typhoid and Paratyphoid	—	—	—
2.—Measles	—	—	—
3.—Scarlet Fever	—	—	—
4.—Whooping Cough	—	—	—
5.—Diphtheria	—	—	—
6.—Influenza	1	1	2
7.—Encephalitis Lethargica	—	—	—
8.—Cerebro Spinal Fever	—	—	—
9.—Respiratory Tuberculosis	3	1	4
10.—Other Tuberculosis	—	—	—
11.—Syphilis	1	—	1
12.—General Paralysis of Insane, etc.	—	—	—
13.—Cancer	8	11	19
14.—Diabetes	—	2	2
15.—Cerebro Hæmorrhage	—	—	—
16.—Heart Disease	20	17	37
17.—Intracranial Vasculoses	8	12	20
18.—Other Circulatory Diseases	1	1	2
19.—Bronchitis	9	2	11
20.—Pneumonia (all forms)	3	7	10
21.—Other Respiratory Diseases	3	1	4
22.—Peptic Ulcer	2	—	2
23.—Diarrhœa (under 2 years)	—	—	—
24.—Appendicitis	—	—	—
25.—Cirrhosis of Liver	—	—	—
26.—Other Liver Diseases	—	—	—
27.—Other Digestive Diseases	3	1	4
28.—Acute and Chronic Nephritis	4	2	6
29.—Puerperal Sepsis	—	—	—
30.—Other Maternal Causes	—	—	—
31.—Premature Births	1	3	4
32.—Congenital	2	4	6
33.—Senility	—	—	—
34.—Suicide	2	2	4
35.—Other Violence	2	—	2
36.—Other Causes	15	19	34
37.—Road Accidents	—	—	—

BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1944

(Provisional figures based on Weekly and Quarterly Returns)

*Rates per 1,000 Civilian Population:—

	England and Wales.	126 C.B.'s & Great Towns including London	148 Smaller Towns Resident Pop. 25,000- 50,000 at 1931 Census	London Adm. County.
Live Births	17.6‡	20.3	20.9	15.0
Still Births	0.50‡	0.64	0.61	0.42
Deaths:—				
All Causes	11.6‡	13.7	12.4	15.7
Typhoid and Paratyphoid	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00
Whooping Cough ...	0.03	0.03	0.02	0.04
Diphtheria	0.02	0.03	0.03	0.01
Influenza	0.12	0.10	0.11	0.08
Smallpox	0.00	—	—	—
Measles	0.01	0.01	0.01	0.00

Rates per 1,000 Live Births :—

Deaths under one year of age	46†	52	44	61
Deaths from Diarr- hoea and Enteritis under 2 yrs. of age	4.8	7.3	4.4	10.1

* A dash (—) signifies that there were no deaths.

† Per 1,000 related births.

‡ Rates per 1,000 total population.

Rates per 1,000 Civilian Population :—

Notifications:—

Typhoid Fever	0.01	0.01	0.01	0.01
Paratyphoid Fever	0.01	0.00	0.01	0.01
Cerebro Spl. Fever	0.05	0.06	0.04	0.06
Scarlet Fever	2.40	2.41	2.67	1.57
Whooping Cough ..	2.49	2.49	2.29	2.90
Diphtheria	0.58	0.67	0.69	0.31
Erysipelas	0.29	0.32	0.28	0.37
Smallpox	0.00	0.00	0.00	0.00
Measles	4.16	4.51	3.94	2.98
Pneumonia	0.97	1.13	0.82	0.93

	England and Wales.	126 C.B.'s & Great Towns including London	148 Smaller Towns Resident Pop. 25,000- 50,000 at 1931 Census	London Adm. Country.
Rates per 1,000 Total Births (Live and Still):—				
(a) Notifications :—				
Puerperal Fever ...	10.34	13.13	9.25	3.61
Puerperal Pyrexia..				‡14.14
(b) Maternal Mortality—England and Wales:—				
No. 140 Abortion with Sepsis				0.31
No. 141 Abortion without Sepsis				0.09
No. 147 Puerperal Infections				0.28
Nos. 142-6, 148-150, Other				1.25
Abortion: Mortality per million women, aged 15-45,				
England and Wales:—				
No. 140 with Sepsis				25
No. 141 without Sepsis				7
‡ Including Puerperal Fever.				

B.—GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities :

The examinations of clinical material, water, milk, etc., is carried out by the County Bacteriological Department. The following table shows the results of examinations carried out at the Laboratory during the year 1944 :

	Pos.	Neg.	Total
Diphtheria	3	78	81
Phthisis	1	59	60
xWater	10	3	13
Milk :			
T.B. Inoculations sent from Ministry of Agriculture	2	10	12
T.B. Inoculations Routine Samples...	3	92	95
xMethylene Blue Test, Routine Samples	27	41	68
xBacillus Coli, Routine Samples	28	80	108
xBacterial Count, Routine Samples ...	—	40	40
Miscellaneous	—	8	8
	74	411	485

x Pos. — Unsatisfactory.
Neg. — Satisfactory.

Professional Nursing in the Home.

(a) General: The general nursing in the district is provided by the District Nursing Association.

(b) Maternity: Three County Midwives are available in the district.

Ambulance Facilities :

(a) For Infectious Diseases: An ambulance is provided by the Belper Joint Hospital Board for the removal of persons suffering from infectious diseases.

(b) For Non-Infectious and Accident Cases: The Motor Ambulance owned by the Council is available free of charge.

Clinics and Treatment Centres :

(a) Ante-Natal Clinic held at Ripley Hospital on the second and fourth Fridays in the month from 1.30 p.m. to 4 p.m.

(b) Infant Welfare Centres held at the Old Schools, Outram Street, each Monday, 9 a.m. to 12.30 p.m., and 1.30 p.m. to 4 p.m. Bethel Chapel, Marehay, each Wednesday, 9 a.m. to 12.30 p.m.

(c) School Clinic :

A Minor Ailments Clinic is held at the Ripley Council Infants' School, the School Nurse attending every Tuesday morning and a School Medical Officer on the first and third Tuesday mornings in the month.

(d) Tuberculosis Clinic: Cases of Tuberculosis from the area are put under the Medical supervision of the County T.B. Officer, Dr. C. Kingston, at the T.B. Dispensary, Grange Street, Alfreton, on Thursdays, 10 a.m. to 12.30 p.m. Facilities are also available for Radiographic Examination to be carried out at the T.B. Department, County Offices, Derby.

(e) Venereal Disease: The Centre for the Treatment of V.D. in this area is the Derbyshire Royal Infirmary.

The V.D. Clinic is open on the following days and hours :

Male :

Female :

Monday, 6 p.m. to 8 p.m.

Monday, 3 p.m. to 5 p.m.

Wednesday, 6 p.m. to 8 p.m.

Thursday, 6 p.m. to 8 p.m.

Saturday, 11.30 a.m. to 1.30 p.m.

Hospitals :

(a) General: The Ripley and District Hospital is available for accident and medical cases where home nursing is not available.

(b) Maternity: No maternity accommodation available in the area; arrangements can be made when facilities are available at Babington House, Belper.

(c) Infectious Diseases: Belper Joint Isolation Hospital is available for all cases of notifiable diseases.

C.—SANITARY CIRCUMSTANCES OF THE AREA

1. (i) Water: During the year the Council have maintained their service mains so as to ensure an adequate water supply, defective mains being repaired when necessary.

(ii) Drainage and Sewerage: The Council have not undertaken any extension or improvement work at the Disposal Works. The works are operating under difficulties, but a satisfactory outfall is being maintained.

2. (i) Closet Accommodation. (ii) Public Cleansing (see Sanitary Inspector's Report).

D.—HOUSING AND HOUSING STATISTICS

It will be understood that the usual Housing Statistics are not available under the present conditions.

E.—SANITARY ADMINISTRATION

(See Sanitary Inspector's Report).

F.—INSPECTION AND SUPERVISION OF FOOD

(See Sanitary Inspector's Report).

G.—PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

The incidence of Scarlet Fever (95 cases) shows a marked increase and Diphtheria (five cases) has been normal, no deaths occurring.

The accommodation at the Isolation Hospital has been adequate.

Influenza was present, and was of a mild type.

Diphtheria :

The immunisation scheme continued to operate; during the year 431 children were immunised. Up to date the following number of children have been immunised in the area:

Under 5 years, 977. 5 to 15 years, 2,365. Total 3,342.

During the year 81 throat swabs have been examined by the County Council Laboratory from suspected cases of diphtheria.

Scabies :

The reduction in the number of cases of Scabies and Impetigo has fully justified the maintenance of the Alfreton and Ripley Scabies Clinic. The public continue to respond by coming forward for treatment without undue delay, and in no case has the compulsory provisions of the Scabies Order been enforced.

	Jan.	Feb.	Mar.	Apl.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
No. of Cases	27	19	14	25	21	13	18	8	28	50	9	17	249
No. of													
Treatments	59	88	78	113	82	43	51	54	52	135	98	55	908

Each patient has received on average 3.6 treatments before being discharged.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1944

[illegible]

PREVALENCE OF NOTIFIABLE DISEASES

Types of Disease.	Number of Cases Notified Monthly												Total
	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	Nil
Scarlet Fever	4	2	4	3	2	3	7	8	7	15	14	26	95
Diphtheria	—	1	2	—	1	—	—	—	1	—	—	—	5
Enteric Fever (inc. Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—	Nil
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	Nil
Pneumonia	1	7	2	1	—	—	—	—	—	2	3	1	17
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	Nil
Measles	—	—	—	3	—	—	—	—	—	—	—	1	4
Whooping Cough	1	1	4	12	8	2	1	1	1	6	3	4	44
Erysipelas	—	—	—	1	—	—	—	1	—	—	2	—	4
Cerebro Spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	Nil
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	Nil
Acute Polio Myelitis	—	—	—	—	—	—	—	—	—	—	—	—	Nil
Pulmonary Tuberculosis	1	1	—	2	—	1	—	1	1	2	1	1	11
Non-Pulmonary Tuberculosis ...	—	—	—	—	1	—	—	—	1	—	—	—	2

**TUBERCULOSIS: NEW CASES AND MORTALITY DURING
1944**

Age Group	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	—	—	—	1	—	—	—	—
15	—	—	1	—	1	—	—	—
25	—	1	—	—	1	—	—	—
35	2	2	—	—	—	—	—	—
45	4	1	—	—	1	1	—	—
55	—	1	—	—	—	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Totals ...	6	5	1	1	3	1	—	—
	—	—	—	—	—	—	—	—

TUBERCULOSIS REGISTER

The following cases remain on the Register at the end of 1944 :

Pulmonary.			Non-Pulmonary.			Total Pulmonary & and-Non-Pulmonary
M.	F.	Total.	M.	F.	Total.	
21	20	41	15	17	32	73

FACTORY ACT, 1937

Routine inspections under the Factory Act, 1937, have been carried out during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

R. A. RYAN,
Medical Officer of Health.

REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1944

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my Report for the year 1944 of the Sanitary Administration in the Urban Area. The Report is prepared in accordance with the Circulars issued by the Ministry of Health. The Sanitary Officers Order 1935 requires Sanitary Inspectors as soon as practicable after the 31st December, to furnish the Medical Officer of Health with a report of their work during the year.

INFECTIOUS DISEASE AND DISINFECTION

Number of visits to premises re cases of Infectious Disease	191
Number of Exclusion Notices issued to Schools	97
Number of Notices issued to Libraries re Books	50

Disinfection has been carried out by spraying and by fumigating with Formalin Gas.

Number of rooms disinfected after Infectious Disease	258
Number of rooms disinfected after Tuberculosis	4
Number of Library Books disinfected	163

Liquid disinfectant is issued free to householders when cases are notified. Very few families fail to take advantage of this facility.

SCABIES

Number of visits to premises re cases of Scabies	276
--	-----

Disinfection of homes carried out by Sulphur Fumigators and in several cases bedding has been removed to the Isolation Hospital for Steam Disinfection.

Number of rooms disinfected	139
Number of Library Books disinfected	48

ERADICATION OF VERMIN

Bedbugs :

There are a few houses in the district infested with bedbugs, fortunately none of the infestations are of a serious character. 36 visits were made to suspected cases of infestation, none of which required action to be taken by the Council. The use of Zaldecide has been found quite satisfactory in the destruction of this type of vermin.

Beetles :

Number of houses supplied with Beetle Powder :
Council Houses 121 ; Private Houses 18.

Beetle Powder is issued free to tenants of Council houses and it is pleasing to note that the tenants of most of the infested houses have taken advantage of this service. The quality of the powder has steadily deteriorated during the war period.

Rats :

Energetic steps have been taken during the year to control the rat infestation of the district, a thorough survey being made of all premises in the district in accordance with the requirements of the Infestation Order, 1943. The only heavy infestation found was along a water course on the outskirts of the district; however, the severity of this infestation varies considerably according to the season.

Two members of the Cleansing Staff were trained in the latest methods of rat destruction.

Number of Reports re Rat Infestations received	35
Number of visits to infested premises	260
Number of visits to premises during survey of district.....	356
Number of Baiting campaigns undertaken	20
Number of Post Baits with "Nil" results	16
Estimated number of Rats destroyed (Min. of Food formula)	502

FOOD AND DRUGS ACT, 1938

Sampling under the provisions of the above Act is carried out by the Derbyshire County Council.

Mr. R. W. Sutton, F.I.C., County Analyst, has kindly supplied the following information :

"During the year 1944, 76 samples were taken under the above Act in the area of the Ripley Urban District Council, 24 of these being milks.

Five of the milk samples were classed as adulterated or unsatisfactory. Details are given below :

- (1) 2% added water (Cautioned).
- (2) 10% fat deficient (Cautioned).
- (3) 3% fat deficient (Cautioned).
- (4) 16% added water (Fine £5, Costs £5 5s.)
- (5) 9% added water. Charge transferred under Section 83 to supplier (Case dismissed).

One sample of Olive Oil was found to be not of B.P. quality and one sample of baking powder was deficient in available carbon dioxide. The vendors were cautioned. One informal sample of Grapefruit Squash contained excess sulphur dioxide preservative. A formal sample was taken and this was found to be genuine."

MILK PRODUCTION

Cowsheds :

The cowsheds have been inspected regularly throughout the year. The condition of cowsheds and dairies were found to be satisfactory with very few exceptions.

The farmers are worthy of a word of thanks for their energetic endeavours to produce a good quality milk under hygienic conditions despite the numerous other calls upon their time.

The following works have been carried out as a result of informal and verbal notices :

New Dairies provided	6
New Cooler provided	5
Defective Dairy Utensils	4
Inadequate Water Supply	2
New Piped Water Supply	2
Yards filled up and repaired	1
New Standings to Cowsheds	6
Limewashing and Cleaning	5
Non-use of Cooler	4
Dirty Milk Churns	3
Accumulations of Manure	6
Milk sold from Open Churn	1
New Water Bowls provided	1
Adequate light and ventilation provided to Cowshed	3
Defective Floor to Dairy	1
Adequate Light and Ventilation provided to Dairy	2
New Milking Buckets provided	5
Defective Roof	2
Keeping of Pigs in Cowshed	1
Keeping of Hay in Cowshed	1
Provision of Sanitary Accommodation	1

Register of Wholesale Producers and Retail Purveyors of Milk :

Number of Wholesale Producers of Milk in District (in- cluding Accredited Producers)	36
Number of Wholesale and Retail Producers of Milk (in- cluding Accredited Producers)	20
Number of Retail Producers of Milk (including Accredited Producers)	10
Number of Retail Purveyors of Milk	10
Number of Producer Retailers with premises outside the Area	5

Number of Inspections during 1944	339
Application for Registration as Retailers	Nil
Application for Registration as Wholesale Producers ...	3

MILK (SPECIAL DESIGNATIONS) ORDER, 1936

Accredited Milk:

The number of farms licensed by the Derbyshire County Council to produce Accredited Milk have greatly increased during the year. It is hoped that steady progress will be maintained during the present year and in the near future it will be possible to report that one or more farmers are producing Tuberculin Tested Milk.

The following list of farmers producing Accredited Milk has been kindly supplied by the Health Department of the Derbyshire County Council:

- A. Holland & Sons, Waingroves Hall Farm.
- A. Mercer, Butterley Park Farm.
- G. W. Lane, Padley Hall Farm.
- S. England, Nodin Hill Farm, N. Heage.
- W. Frost, Upper Hartshay Farm.
- E. Redfern, Old Farm, Marehay.
- I. Hawkins, Damstead Farm, Heage.
- T. Skevington, Marehay Farm.

One Pasteurisation Plant in the district; samples are taken regularly by my colleagues in the adjoining districts and myself with satisfactory results.

Milk Sampling :

The taking of milk samples for the purpose of Bacteriological Examination is so arranged that each individual supply is sampled at least twice in each year.

Results of samples taken during 1944 :

Total number of samples taken 108.

Test.	No. of Samples.	No. of Satis.Samples.	No. of Unsatis.Samples.	Per Cent. Unsatis.
Bacterial Count ...	40	37	3	7.50
Methylene Blue ...	68	41	27	39.70
Bacillus Coli	108	80	28	25.92
Tubercule Bacilli...	92	87	3	3.26
Phosphatase	4	3	1	25.00

The results are much better than the 1943 results.

I am indebted to Dr. Iredale and his staff at the County Laboratory for their kind assistance on many occasions.

Of the 92 samples submitted for the Biological Test for Tubercule Bacilli, by animal inoculation, three proved positive. The County Medical Officer was notified, and action taken by the Divisional Veterinary Inspector of the Ministry of Agriculture, resulting in four animals being slaughtered under the Tuberculosis Order.

The results of all samples are forwarded to the producers; in the case of unsatisfactory results a warning letter and instructions are forwarded regarding the production of clean milk, and a further sample is obtained.

MINISTRY OF AGRICULTURE AND FISHERIES

National Milk Testing and Advisory Scheme :

Number of visits to Wholesale Producer Farms arising from unsatisfactory Resazurin Results	50
Number of samples obtained from Producer Retailers	171
Number of visits to Producer Retailers resulting from unsatisfactory Resazurin Results	27

Sampling under the above Scheme ceased at the end of August due to the Ministry's decision not to supply details of results. This was a very unfortunate step particularly when one finds that sampling from that date has not been undertaken with any degree of regularity by the staff of the Ministry of Agriculture and Fisheries.

Regarding the visits to farms arising from unsatisfactory Resazurin results, the last request for an inspection was made on the 26th of September, 1944; from that date, unsatisfactory results have not been followed up regularly by the responsible Ministerial Officials.

Despite the above omissions, the Ministry of Agriculture and Fisheries will, on the appointed day, become responsible for the whole of the production side of the milk industry. This, we are told, is being done in the interests of public health to produce a better and safer milk supply. There can be no doubt as to the reasons for talk of compulsory heat treatment of all milk produced in the country.

INSPECTION OF MEAT AND OTHER GOODS

All animals are slaughtered in Government Slaughter Houses, with the exception of cottagers' pigs under licence issued by the Ministry of Food. During the year 107 pigs and one beast have been slaughtered and the carcasses inspected.

The following list defines the various organs which were found to be diseased and unfit for food :

1 Pig (Generalised T.B.) 1 Pig (Fevered). 3 Pigs' Livers (T.B.) 5 Pigs' Livers (Fatty Degeneration). 7 Pigs' Heads (T.B.) 3 Pigs' Lungs (T.B.) 3 Pigs' Plucks (T.B.) 4 Pigs' Mesentry (T.B.) 1 Beast, Right Hind Quarter, (Extensive Bruising).

Inspections are made to all food premises at frequent intervals; conditions were found to be satisfactory. 16 visits were made to Bakehouses.

VOLUNTARY SURRENDER OF FOODS :

During the year the following quantities of food were inspected and found unfit for human consumption. 129 Condemnation Notes were issued.

196 Tins Meat.	220 lbs. Bacon.
18 Tins Casserole.	20 $\frac{3}{4}$ lbs. Butter.
21 Tins Vegetables & Soups.	56 lbs. Flour.
289 Tins Fish.	188 $\frac{3}{4}$ stone Fish.
125 Tins Milk.	1 Box Crabs.
33 lbs. Jam & Marmalade.	22 $\frac{1}{2}$ lbs. Biscuits.
24 lbs. Hind-Quarter Beef.	6 lbs. Porridge Oats.
1,542 lbs. Pork.	200 lbs. Prunes.
24 lbs. Pork Sausage.	4 lbs. Cheese.
6 lbs. Pork Sausage Meat.	

PETROLEUM ACT, 1871-1929

Number of Licences issued to store Petroleum Spirit during 1944	47
Number of Licences issued to store Carbide of Calcium during 1944	8
Total storage capacity of Petroleum Spirit	71,804 gal.
Total storage capacity of Carbide of Calcium	5,068 lbs.
Total Fees collected	£34 5s. 0d.
Number of Inspections to Storage Premises	32

One new underground tank was installed during the year; there were no transfers of ownership. The tank being subjected to a pressure test of 5 lbs. per square inch.

COMPLAINTS

During the year the number of complaints again increased. 345 complaints were received, inspection being made as soon as possible after complaints, and appropriate action taken.

Inadequate Water Supply	26	Defective Sash Window	
Defective Bib Taps	2	Cords	12
Defective Water Closets ...	11	Defective Pails	4
Defective Floors (Internal)	6	Defective Pail Closet Com-	
Defective Roofs	34	partments	7
Provision of Dustbins	19	Defective Cesspools	4
Defective Chimney Stacks	6	Nuisances from Street Pig	
Animals improperly kept	5	Food Bins	3
Offensive Accumulations ...	6	Defective Sink Waste	
Delay in emptying Cess-		Pipes	5
pools	39	Delay in emptying Pails...	4
Defective Wall Plaster.....	6	Defective Door Furniture	5
Overcrowding	6	Maternity Home	1
Delay in emptying Ashpits	18	Defective Cinema Operat-	
Defective Drains	42	ing Box	1
Delay in emptying Dust-		Defective Hot Water Sys-	
bins	11	tems	3
Verminous Premises	12	Improper Camping Site ...	1
Defective Eaves, Gutters		Defective Manhole Covers	3
and R.W.P.	4	Rat Infestations	35
Defective Stairs	3	Dangerous Pit Shaft	1
Smoke Nuisances	5	Milk Souring	1
Defective Washing Cop-		Nuisance from Weeds	1
pers	14	Defective Glass Conserva-	
Defective Fire-ranges	8	tories	2
Water in Cellars.....	10	Unclean Houses	21
Defective Window Frames	5	Defective Brickwork Point-	
		ing	5
		Pollution of Water Courses	3

INSPECTION OF COUNCIL HOUSES

It is regrettable that in these enlightened days it was necessary to carry out many inspections of Council houses due to their filthy condition. Some improvement was effected by the visits; unfortunately, a few of the occupants have become climatised to the unsavoury smell of filth, and refuse to believe in the benefits of fresh air.

TEMPORARY DWELLINGS—TENTS, VANS, SHEDS, ETC.

Regular supervision has been maintained over the movable dwellings in the area. In several instances a verbal warning has been sufficient to cause the owners to remove their dwellings out of the district.

30 inspections and visits have been made.

WATER SUPPLIES

Sampling of water for bacteriological and chemical analysis was undertaken during the year with the following results :

Ref. No.	Bacteriological Examination.	Ref. No.	Analysis.	Remarks.
B.1	Satisfactory	—	—	Piped Town's Supply
B.2	Unsatisfactory	—	—	Supply Discontinued
B.3	Unsatisfactory	A.1	Unsatisfactory	Piped supply provided.
B.4	Unsatisfactory	A.2	Unsatisfactory	Piped supply being provided.
B.5	Unsatisfactory	A.3	Unsatisfactory	Piped supply being provided.
B.6	Satisfactory	A.4	Unsatisfactory	Piped supply provided.
B.7	Unsatisfactory	A.5	Unsatisfactory	Piped supply provided.
B.8	Unsatisfactory	A.6	Unsatisfactory	Piped supply being provided.
B.9	Satisfactory	A.7	Satisfactory	Piped Town's Supply
B.10	Unsatisfactory	A.8	Unsatisfactory	Piped supply being provided.
B.11	Unsatisfactory	A.9	Unsatisfactory	Piped supply being provided.
B.12	Unsatisfactory	A.10	Unsatisfactory	Piped supply being provided.
B.13	Unsatisfactory	A.11	Unsatisfactory	Informal Notice Served.

In the case of the unsatisfactory results, the owners of the affected properties have been approached with a view to the provision of an alternative piped town's supply.

As a result of this action, six houses and two farms have been provided with a wholesome piped supply of water.

In one case the owners of 13 houses appealed to the Ministry of Health against the Council's decision to require a piped supply. The Minister upheld the Council's decision and gave the owners a six months' period, expiring 30th September, 1945, to carry out the necessary work.

SANITARY INSPECTION OF THE AREA

Estimated Number of Houses.....	4,890
Area of District	5,411 acres
New Houses Erected, 1944—	
(a) By Local Authority	Nil
(b) By Private Enterprise	Nil

	No. of Inspections made by Sanitary Inspector.	No. of Notices Served. Informal.	Legal.	Nuisances abated with or without Notice.
Closets and Ashpits :				
Defective Privies, Pail Closets and Ashpits	92	33	—	5
Conversion of Privies into W.C.'s	—	—	—	—
Conversion of Pail Closets into W.C.'s	81	6	6	6
Conversion of Privies into Pail Closets	1	—	—	—
Defective Water Closets	157	39	—	25
Provision of additional Water Closets	4	1	—	1
Provision of Portable Ashbins	327	82	2	183
Dirty Closets	63	16	—	19
Drainage :				
No Disconnection of Waste Pipe	27	9	—	4
Defective Waste Pipe, Traps, Inlets and Drains	223	64	—	44
Drains Obstructed	284	63	—	75
Other Defects :				
Paving of Courts and Yards	26	6	—	3
Roofs, Eaves-Spouts & Down-Spouts... ..	246	47	1	50
Sinks	76	17	—	11
Insufficient Ventilation	34	12	—	3
Windows	190	50	2	30
Dampness	163	42	1	20
Water in Cellars	33	4	—	12
Water Supply	474	81	14	21
Overcrowding	99	34	13	6
Foul Condition of Houses	129	44	3	14
Offensive Accumulations	82	24	—	23
Animals Improperly Kept	61	12	—	9
Pigsties	46	15	—	3
Smoke Nuisances	21	8	—	3
Urinals	9	2	—	1
Nuisances not specified above	2528	167	5	73
Totals.....	5476	878	47	644

	No. on Register.	Inspec- tions. made.	Notices Served.	Nuisances abated with or without Notice.
Dairies, Cowsheds and Milkshops	81	339	36	62
Bakehouses	6	18	2	3
Slaughterhouses	21	66	—	—
Offensive Trades	—	—	—	—
Common Lodging-houses	—	—	—	—
	—	—	—	—
Totals.....	108	423	38	65
	—	—	—	—

OFFICE STATISTICS

The following details give an indication of the source of some of the work undertaken in the office during the year :—

	Letters Received.	Inter- views.	Telephone In.	Calls Out.
Public Cleansing	103	213	38	55
Infectious Disease	27	255	36	86
Scabies	9	83	51	102
Housing Complaints	62	220	91	109
Land Searches	25	—	—	—
Salvage	138	120	154	149
Inspection of Meat & Other Foods	9	32	36	14
Milk and Water Samples	108	7	11	52
W.C. Conversions	11	10	8	10
Water Supply	15	32	13	32
Farms	26	23	11	18
Licences (Petrol & Carbide)	43	19	1	6
Vermin	35	179	19	8
Slaughter of Animals	48	49	21	12
Iron Railings	3	6	3	11
Miscellaneous	451	55	77	47
	—	—	—	—
Totals	1113	1303	586	720
	—	—	—	—

MINISTRY OF HEALTH CIRCULAR 2871—Certificated Work

The above Circular has been a great help in getting extensive repairs and improvements carried out to dwelling houses.

During the year five certificates were issued to enable work to be carried out to the total value of £920.

In no case was it necessary for the Ministry of Works to request a modification of the requirements of the certificate.

SANITARY ACCOMMODATION

During the year some progress was made in the conversion of Pail Closets. The following table shows the approximate Closet accommodation in the district :—

	Water Closet.	Pail Closet.	Slop Water Privies.	Closet.	Total
Appro. Closet Accom- modation, 31st Dec., 1944	3920	963	73	Nil.	4956
Closets converted during 1944	Nil.	4	Nil.	Nil.	4
Total number of Conversions since Scheme commenced	Nil.	960	221	3	1184

The remaining pail and privy closets seriously prejudice the public health of the district and energetic steps must be taken to remove the same as far as practicable.

I would suggest that the Council define a target figure of conversions to be completed each year in order that in possibly seven to ten years' time none will remain.

PUBLIC CLEANSING SERVICE

Refuse Receptacles :

The Council continued to dispose of a standard wartime dustbin for the greater portion of the year.

Fortunately, due to an improvement in the supply position, we are now able to obtain a galvanised dustbin. The service is appreciated by the property owners in the district. Further progress was made in the abolition of ashpits in the area. This task will be completed during the present year (1945).

	Dustbins.	Ashpits.	Privies.	Total
Approx. Number of Refuse Receptacles, 31st Dec., 1944	4607	32	73	4712
No. converted during year	Nil.	7	Nil.	7
Number of Dustbins sold by Council				121
Number of Informal Notices served for replacement of Dustbins by Owners...				33

Serious difficulties were encountered in the maintenance of a weekly collection of household refuse throughout the area, due to the climatic conditions and sickness amongst the workmen. To overcome the shortage of manpower, overtime was resorted to.

The following indicates the loss of manpower and overtime worked :—

Three Months Ending:	Possible No. of Working Days.	Absent with Drs. Cert.	Absent with Cert.	Absent without any Notifi- cation.	Annual Holi- days.	Total No. of Days Lost.	Hours Over- Time Worked.
30-6-44	1620	66	3	35	6	110	117
30-9-44	1733	143	10	26	114	293	181
31-12-44	1683	127	11	85	4	227	71½
31-3-45	1830	333	5	95	5	438	247½
Total...	6866	669	29	241	129	1068	617

Table of Frequency of Collections of Refuse, etc., by Council Motor Lorries

District No.	Possible Number of Collections.	Actual Number of Collections.	No. of Loads of Refuse Collected.
1.	156	152	714
2.	156	153	729
3.	156	141	519
4.	156	145	655
5.	104	98	391
6.	156	142	712
Total of Refuse Collection	884	831	3720
Ashpits and Privies			165
Cesspools			719
Salvage			589
Total number of Loads collected ...			5193

UTILISATION OF REFUSE

During May, 1944, a Book Recovery and Salvage Drive was organised with amazing results. The target of 33,000 books was passed in the opening days of the Drive. The final total of books collected was 102,281.

The books were disposed of in the following manner:

Forces 2,539; Red Cross P.O.W. Fund 64.
Blitzed Libraries 406; Salvage 99,272.

The success of the Drive was due to the wonderful work of the Salvage Wardens and Teaching Staffs at all the Schools in the area. The children collected books with tremendous enthusiasm. Three children collected over 1,000 books each, and 49 collected over 200 books each.

The general salvage collection was maintained at a high level, for which thanks are due to the Salvage Wardens for their co-operation.

The amount of kitchen waste collected again increased; there are 190 communal bins located throughout the area. The kitchen waste is transported to Derby and in return we receive a supply of concentrated pig and poultry food. This material, due to the high food value, is in great demand, and provides a useful addition to the animal feeding stuff ration.

The following details indicate the cost of collections and disposal of the various sections of the Cleansing Department :

	(1944)			(1943)		
	£	s.	d.	£	s.	d.
The annual cost per house for refuse collection (including Ashpits and Privies)	13	0		13	2	
The annual cost for each Pail Closet in district	19	1		1	0	0
The annual cost for each Cesspool in district	1	6	10	1	9	7
The average cost for collection and disposal of one ton of Salvage	1	9	0	2	2	5

The Income from the Utilisation of Refuse :

	Tons	Cwts.	Qrs.	lbs.	£	s.	d.
Baled Paper	118	9	2	12	798	10	6
Cullet	15	3	2	0	22	15	3
Rags, Wrappers, etc....	8	15	2	9	105	18	6
Bones	4	17	2	14	23	2	1
Rubber	2	3	1	0	8	10	11
Kitchen Waste	271	9	2	0	410	4	3
Concentrated Pig Food	112	18	0	0	566	0	0
Totals	533	17	0	17	£1935	1	6
Total for 1943 ...	491	7	3	1	£1788	8	8

The above costing statement is based on the financial year 1st April, 1944 to 31st March, 1945.

In concluding this report, I desire to thank the Chairman of the Water and Sanitary Committee, Coun. W. Wright, for the support and encouragement I have received and the members of the Council for their continued interest and confidence; also for the ready help and kindness that I have received from my brother officials.

The Foreman and members of the Cleansing Staff are worthy of praise for the manner in which they have maintained the collection of refuse, often with a very much depleted staff and under very difficult circumstances.

I am, Mr. Chairman, Lady and Gentlemen,

Your obedient Servant,

G. AINSWORTH.

